

REMARKS

Reconsideration and allowance of the subject application are respectfully requested. Claims 14-37 were pending and new claims 38-43 have been added. Claims 14-43 are now pending.

Claim 14 has been amended to recite a detachable, portable weather station. Support for the amendment can be found in the specification in Fig. 4 which illustrates the sections *connected* (page 11, line 10). *See also* specification at page 11, lines 22-23 and Fig. 6 which discloses a sensor section "*separated or disconnected*." Further support can also be found at page 5, line 16 which discloses "the novel weather station is readily *portable* and easily utilized." Further support can be found at page 11, lines 20-21 which discloses "*manually grasping* sensor section 14."

Support for new claim 38 can be found in claim 14 as originally filed.

Support for new claim 41 can be found in claim 23 as originally filed.

Support for new claims 39-40 and 42-43 can be found in the specification, for example, at page 17, lines 24-26 which discloses an illustrative embodiment of "alarms which sound automatically when microprocessor 100 determines that there is a high probability of severe weather conditions."

Thus, no new matter is added.

Applicant acknowledges Examiner's indication of allowable claims 23-30, 32, 35 and 37 over the prior art. Claim 23 has been amended to place claims 23-30, 32, 35 and 37 in condition for allowance.

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Claims 14-31 and 34-37 were rejected under 35 U.S.C. 112, second paragraph for reciting alarm and RF in the preamble. Claims 14-31 and 34-37 have been amended to eliminate reference to the alarm and RF in the preamble. Applicant believes that the rejection is now rendered moot.

Claims 14-22, 31, 33, 34, and 36 were rejected under 35 U.S.C.103(a) as being unpatentable over Lill (4,839,645) in view of Krieger (3,582,921). This rejection is respectfully traversed.

Claim 14 as amended recites a detachable, portable, battery-powered and *hand-holdable* weather station unit situated at the at least one remote location. Lill does not teach or suggest a portable weather station or a hand-holdable weather station as recited in claim 14. Moreover, nowhere does Lill does not teach or suggest a detachable weather station.

Krieger does not remedy the deficiencies of Lill. Krieger similarly does not teach or suggest a portable weather station, a hand-holdable weather station or a detachable weather station.

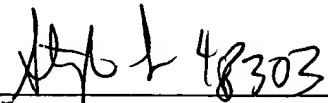
To establish a *prima facie* case of obviousness, the cited prior art reference(s) must teach or suggest all the claim limitations. In re Royka, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). Because neither Lill nor Krieger teach or suggest all the limitations, such as a portable and hand-holdable weather station unit, it is respectfully requested that the rejection be withdrawn.

In view of the above, it is respectfully submitted that the application is in condition for allowance. Reconsideration and prompt allowance are respectfully

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requested. If the Examiner feels that a telephone interview would be helpful in facilitating prosecution of the case, the Examiner is respectfully requested to contact the undersigned attorney of record to discuss the application.

Respectfully submitted,

By: 
Christopher R. Glembocki
Registration No. 38,800

BANNER & WITCOFF, LTD.
1001 G Street, N.W., 11th Floor
Washington, D.C. 20001-4597
(202) 508-9100

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MARKED-UP VERSION OF AMENDMENTS**In the Claims:**

14. (Amended) A [single frequency] weather station [RF Telemetry alarm and display station] for monitoring weather conditions at at least one remote location comprising:

a detachable, portable, battery-powered and hand-holdable weather station unit situated at the at least one remote location including:

a microprocessor;

at least one data sensor coupled to the microprocessor for generating a data signal representative of weather conditions at the at least one remote location;

a transmitter coupled to the microprocessor for transmitting said data signal;

an antenna coupled to the transmitter,

and

a detachable, portable, battery powered and hand holdable weather station receiver for receiving and displaying the weather conditions received from said weather station unit.

15. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor monitors the weather data and wherein the transmitter is configured to wirelessly transmit a data signal, said data signal being representative of the weather data monitored at the at least one location.

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16. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses temperature.

17. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses wind speed.

18. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses rain.

19. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses barometric pressure.

20. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses ambient light.

21. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses static charge.

22. (Amended) The [single frequency] weather station [RF Telemetry and alarm and display station] of Claim 14 wherein the data sensor senses humidity.

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23. (Amended) A [single frequency] weather station [RF Telemetry alarm and display station] for monitoring weather conditions at at least one remote location comprising:

a portable, battery-powered and hand-holdable weather station unit situated at the at least one remote location including:

a microprocessor;

at least one data sensor coupled to the microprocessor for sensing at least one weather condition and generating a data signal representative of the at least one weather condition condition at the at least one remote location;

a transmitter coupled to the at least one data sensor for transmitting said data signal; and

an antenna coupled to the transmitter,

a portable, battery powered and hand holdable receiver configured to receive the data signal comprising:

a storage device configured to store at least one of a plurality of measured remote weather conditions;

a processor configured to generate a prediction of a weather condition, the prediction being based on the data signal received by the receiver and at least one of the measured weather conditions stored in the storage device; and

an indicating circuit configured to indicate the prediction.

24. (Amended) The [single frequency] weather station [RF Telemetry alarm and

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display station] of claim 23 wherein the receiver further comprises an interface configured to receive a latitude coordinate.

25. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the receiver further comprises an interface configured to receive a longitude coordinate.

26. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the receiver further comprises an interface configured to receive a geographic area latitude position.

27. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the receiver further comprises an interface configured to receive a geographic area longitude position.

28. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the processor is coupled to the receiver and storage device and configured to generate a prediction of a potential remote weather condition , the prediction being based on the data signal received by the weather station receiver and at least one of the measured weather conditions compared to said stored data.

29. (Amended) The [single frequency] weather station [RF Telemetry alarm and

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display station] of claim 23 wherein the prediction of a weather condition is based on the received data signal and at least one of the measured weather conditions stored in the storage device.

30. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the indicating circuit is configured to indicate a temperature trend.

31. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 14 wherein the receiver comprises an indicating circuit configured to indicate a temperature trend.

32. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the receiver further comprises an alarm configured to indicate an alarm condition responsive to a comparison of the data signal received by the receiver with a predetermined threshold value.

33. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 14 wherein the receiver further comprises an alarm configured to indicate an alarm condition responsive to a comparison of the data signal received by the receiver with a predetermined threshold value.

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34. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 14 wherein the receiver further comprises an indicating circuit configured to indicate a signal strength of the data signal being received by the receiver.

35. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the indicating circuit comprises a signal strength indicator configured to indicate a signal strength of the data signal being received by the receiver.

36. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 14 wherein the receiver is configured to receive a telemetry signal from a NOAA weather radio.

37. (Amended) The [single frequency] weather station [RF Telemetry alarm and display station] of claim 23 wherein the receiver is configured to receive a telemetry signal from a NOAA weather radio.

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